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Committee on the Peaceful Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 27 March 2002 from the Permanent Mission of the Russian Federation to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the Russian Federation to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space,* has the honour to transmit the registration data on the Russian space launches for the period from November to December 2001 and also on the space objects that ceased to exist during the same period of time (see annex).

* General Assembly resolution 3235 (XXIX), annex.

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Annex

Registration data on space objects launched by the Russian Federation in November and December 2001*

November 2001

1. In November 2001, the Russian Federation launched the following space object:

Number	*Name of space object*	*Date of launch*	*Basic orbital characteristics*				*General purpose of space objects*
			Apogee (km)	*Perigee (km)*	*Inclination (degrees)*	*Period (minutes)*	
3111	Progress M1-7 (launched by a Soyuz carrier rocket from the Baikonur launch site)	26 November	253	193	51.7	88.7	Delivery to the International Space Station (ISS) of fuel, products and other consumables

2. The following space objects ceased to exist in November 2001 and were no longer in Earth orbit as at 2400 hours Moscow time on 30 November 2001:

2001-036A (Progress M-45)

1998-022A (Molniya-1)

1978-117A (Cosmos-1063)

1986-057A (Molniya-1)

1986-079A (Molniya-3)

1986-049A (Molniya-3)

1986-031A (Molniya-3)

1985-074A (Molniya-1)

1985-099A (Molniya-1)

1987-036A (Cosmos-1838)

* The registration data are reproduced in the form in which they were received.

December 2001

3. In December 2001, the Russian Federation launched the following space objects:

Number	*Name of space object*	*Date of launch*	*Basic orbital characteristics*				*General purpose of space objects*
			Apogee (km)	*Perigee (km)*	*Inclination (degrees)*	*Period (minutes)*	
3112	Cosmos-2380 (launched by a Proton carrier rocket from the Baikonur launch site)[a]	1 December	19 128		64.9	675	Work on the Global Navigation Satellite System (GLONASS)
3113	Cosmos-2381[a]	1 December	19 128		64.9	675	Work on GLONASS
3114	Cosmos-2382[a]	1 December	19 128		64.9	675	Work on GLONASS
3115	Meteor-3M (launched by a Zenit carrier rocket from the Baikonur launch site)[b]	10 December	1 018		99.6	105.3	Hydrometeorology and heliogeophysics; study of the natural resources of the Earth and monitoring of its environment
3116	Kompas[b]	10 December	1 018		99.6	105.3	Small space device intended for the forecasting of earthquakes
3117	Reflektor[b]	10 December	1 018		99.6	105.3	Small space device intended for scientific research into the calibration of optical laser telescopes
3118	Cosmos-2383 (launched by a Tsiklon-2 carrier rocket from the Baikonur launch site)	21 December	421	412	65	92.8	The space object is intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3119	Cosmos-2384 (launched by a Tsiklon-3 carrier rocket from the Plesetsk launch site)[c]	28 December	1 447	1 415	82.5	114.2	The space object is intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3120	Cosmos-2385[c]	28 December	1 447	1 415	82.5	114.2	The space object is intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3121	Cosmos-2386[c]	28 December	1 447	1 415	82.5	114.2	The space object is intended for assignments on behalf of the Ministry of Defence of the Russian Federation
3122	Gonets-D1 No. 7[c]	28 December	1 447	1 415	82.5	114.2	Work on a low-orbit satellite communications system

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Number	Name of space object	Date of launch	Basic orbital characteristics				General purpose of space objects
			Apogee (km)	Perigee (km)	Inclination (degrees)	Period (minutes)	
31123	Gonets-D1M No. 8[c]	28 December	1 447	1 415	82.5	114.2	Work on a low-orbit satellite communications system
31124	Gonets-D1M No. 9[c]	28 December	1 447	1 415	82.5	114.2	Work on a low-orbit satellite communications system

Note: [a] Cosmos-2380, Cosmos-2381 and Cosmos-2382 were launched by a single Proton carrier rocket from the Baikonur launch site.
[b] Meteor-3M, Kompas and Reflektor were launched by a single Zenit carrier rocket from the Baikonur launch site.
[c] Cosmos-2384, Cosmos-2385, Cosmos-2386, Gonets-D1 No. 7, Gonets-D1M No. 8 and Gonets-D1M No. 9 were launched by a single Tsiklon-3 carrier rocket from the Plesetsk launch site.

4. On 10 December 2001, in conjunction with the launching of space object Meteor-3M from the Baikonur launch site by a Zenit carrier rocket, the following small satellites were carried as accompanying payload and placed in Earth orbit: the Pakistan BADR-B satellite (remote monitoring of the Earth) and the Moroccan Maroc/Tubsat satellite (remote monitoring of the Earth).

5. The following space objects ceased to exist in December 2001 and were no longer in Earth orbit as at 2400 hours Moscow time on 31 December 2001:

1980-028A (Cosmos-1172)
1980-092A (Molniya-1)
1980-103A (Prognoz-8)
1981-002A (Molniya-3)
1981-105A (Molniya-3)
1981-113A (Molniya-1)
1983-025A (Molniya-1)
1983-038A (Cosmos-1456)
1983-126A (Cosmos-1518)
1985-004A (Molniya-3)
1985-033A (Prognoz-10)
1986-068A (Molniya-1)
1988-069A (Molniya-1)
1988-115A (Molniya-1)
1989-096A (Granat)